Cisco 6100 Series System Cables

This chapter provides Network Equipment Building Systems (NEBS) compliance cabling guidelines, cabling configuration diagrams, and part numbers for the following:

- Direct Connect with a POTS splitter chassis (PSC) configuration
- Direct Connect without a PSC configuration
- Digital Off-Hook (DOH) configuration
- Subtended network configuration
- Siecor asymmetric digital subscriber line (ADSL) POTS Splitter Rack-Mount Shelf

Note The fan tray backplane (connector P2) is connected to the E2A alarm contact (connector J14, pins 7 and 8) on the multiplexer chassis (MC) backplane. The fan tray alarm contacts will be wired in the installation procedures so that fan tray alarms can be transmitted to the ViewRunner management software. For more information on connecting the fan tray and the MC, refer to either the *Cisco 6100 Series Direct Connect Installation Guide*.

Warning Only trained and qualified personnel should be allowed to install, replace, or service this equipment.

If you are using dual-port ATU-C modules, use 64-port MC cables. However, if you plan to expand your system to quad-port xTU-C modules for future releases, you can use 128-port MC cables to make future expansion easier. The 128-port MC cables are recommended for all new installations.

For detailed port mapping tables, see Appendix C, “Port Mapping.” This appendix includes port mapping tables to build MC cables.

Table 3-1 shows an overview of the cables used for each Cisco 6100 Series system configuration.

Table 3-1 Cisco 6100 Series System Configuration and Cable Overview

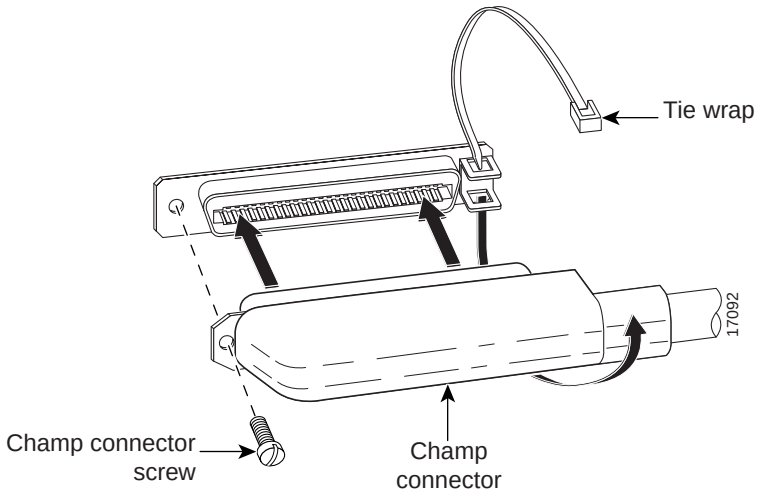
Configuration	Connection	Cable Type	Ports		Line Coding Technology	Reference	
			MC	PSC		Table	Figure
Direct Connect with a PSC	MC to PSC	One-to-one	64	64	CAP (ADSL) or DMT-2 (ADSL)	Table 3-2	Figure 3-2
		Two-to-one	128	64 each PSC	CAP (ADSL) or DMT-2 (ADSL)	Table 3-3	Figure 3-3 and Figure 3-4
	PSC to MDF[1]	One-to-one	—	80	CAP (ADSL) or DMT-2 (ADSL)	Table 3-4	Figure 3-5 and Figure 3-6
		Two-to-two	—	80	CAP (ADSL) or DMT-2 (ADSL)	Table 3-5	Figure 3-8, Figure 3-9, and Figure 3-10
	Siecor POTS splitter to MC	One-to-one	128	128	DMT-2 (ADSL)	Table 3-12	Figure 3-26
Direct Connect without a PSC	MC to MDF	Two-to-three	64	—	DMT-2 (ADSL)	Table 3-6	Figure 3-11 and Figure 3-12
		Three-to-three	128	—	DMT-2 (ADSL) 2B1Q (SDSL[2])	Table 3-7	Figure 3-13 and Figure 3-14
		Five-to-six	128	—	DMT-2 (ADSL) 2B1Q (SDSL)	Table 3-8	Figure 3-15 and Figure 3-16
DOH	MC to LCC[3]	One-to-one	64	80	CAP (ADSL)	Table 3-9	Figure 3-17
	LCC to LCC		—	—	CAP (ADSL)	Table 3-9	Figure 3-17
	LCC to PSC		—	80	CAP (ADSL)	Table 3-9	Figure 3-17
	PSC to MDF		—	80	CAP (ADSL)	Table 3-10	Figure 3-18, Figure 3-19, and Figure 3-20
	PSC to MDF	Two-to-two	—	80	CAP (ADSL)	Table 3-11	Figure 3-21, Figure 3-22, and Figure 3-23

1 MDF = main distribution frame
2 SDSL = symmetrical digital subscriber line
3 LCC = line concentration chassis

3.1 NEBS Compliance Cabling Guidelines

To comply with NEBS requirements, ensure that all cables are screwed in to the backplane and that the Champ connectors are tie wrapped. (See Figure 3-1.)

Figure 3-1 NEBS Cabling Compliance



Note For additional compliance and safety information, refer to the *Regulatory Compliance and Safety Information for the Cisco 6100 Series System* document.

3.2 Direct Connect with a PSC Configuration Cables

In a Direct Connect with a PSC configuration, use only designated cables to connect the MC, the PSC, and the MDF. This section provides tables and illustrations for the following:

- MC to PSC Cables
- PSC to MDF Cables

Note Some chassis connectors in the cabling diagrams are not used because they are specific to one of the other configurations of the Cisco 6100 Series system or because they are reserved for future use.

3.2.1 MC to PSC Cables

You can use the following cables when you are cabling the MC to the PSC in a Direct Connect with a PSC configuration:

- One-to-one cables—Used to connect the MC to the PSC for systems using dual-port CAP or DMT-2 ATU-C modules. This cable is not recommended if you plan on expanding your system to quad-port xTU-C modules, which will be available in a future release.
- Two-to-one cables—Used to connect one MC to two PSCs for systems using dual-port and quad-port ATU-C modules. Quad-port ATU-C modules will be available in a future release.

One-to-One Cables

You can use one-to-one cables to connect the MC to the PSC for systems using dual-port CAP or DMT-2 ATU-C modules. Table 3-2 lists the backplane connectors and the part numbers for the basic one-to-one cables connecting the MC to the PSC in a Direct Connect with a PSC configuration.

Note Do not use this cable if you plan to expand the system to quad-port xTU-C modules, which will be available in future releases.

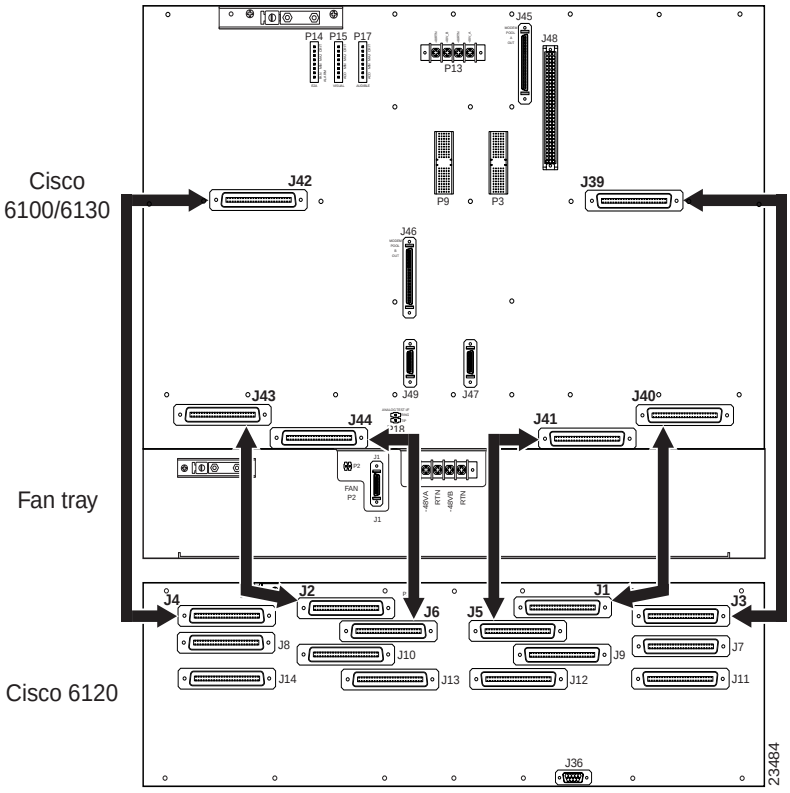
Table 3-2 Connectors and Part Numbers for One-to-One Cables—MC to the PSC Connections

Backplane Connector		Cisco Part Number		NetSpeed Part Number
MC	PSC	Kit	Subassembly	
J39	J3	CAB-61-014	72-1665-01	4100-021-01
J40	J1	CAB-61-014	72-1665-01	4100-021-01
J41	J5	CAB-61-014	72-1665-01	4100-021-01
J42	J4	CAB-61-014	72-1611-01	4100-021-02
J43	J2	CAB-61-014	72-1610-01	4100-021-03
J44	J6	CAB-61-014	72-1609-01	4100-021-04

Note When you use the one-to-one cable, see Table C-1 on page C-2 for port mapping information.

Figure 3-2 shows the cabling between the MC and the PSC in which the cables listed in Table 3-2 are used.

Figure 3-2 MC to PSC Cabling Diagram with One-to-One Cables



Two-to-One Cables

You can use two-to-one cables to connect one MC to two PSCs for systems using dual-port or quad-port ATU-C modules. Quad-port ATU-C modules will be available in a future release.

Table 3-3 lists the backplane connectors and the part numbers for the two-to-one cables connecting one MC to two PSCs in a Direct Connect with a PSC configuration. In this configuration, 64 POTS splitter ports are used in each PSC, for a total of 128 ports.

Table 3-3 Connectors and Part Numbers for Two-to-One Cables—MC to Two PSCs Connection

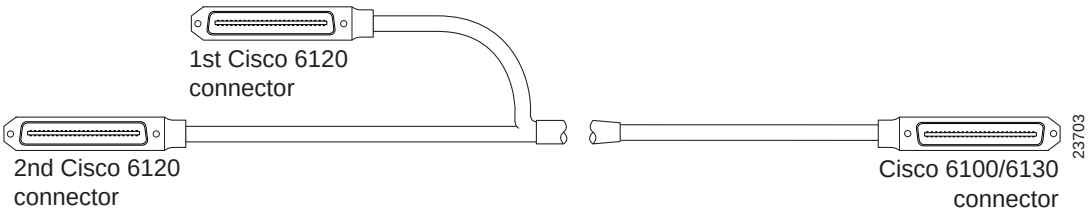
Backplane Connector			Cisco Part Number	
MC	**PSC 1**	**PSC 2**	**Kit**	**Subassembly**
J39	J3	J3	CAB-MC128-PSC80	72-1767-01[1]
J40	J1	J1	CAB-MC128-PSC80	72-1767-01
J41	J5	J5	CAB-MC128-PSC80	72-1767-01
J42	J4	J4	CAB-MC128-PSC80	72-1768-01[2]
J43	J2	J2	CAB-MC128-PSC80	72-1769-01[3]
J44	J6	J6	CAB-MC128-PSC80	72-1770-01[4]

1 This cable can be used for MC connectors J39, J40, and J41.
2 This cable is specifically for MC connector J42.
3 This cable is specifically for MC connector J43.
4 This cable is specifically for MC connector J44.

Note When you use the two-to-one cable, see Table C-2 on page C-4 for port mapping information.

Figure 3-3 shows the two-to-one cable.

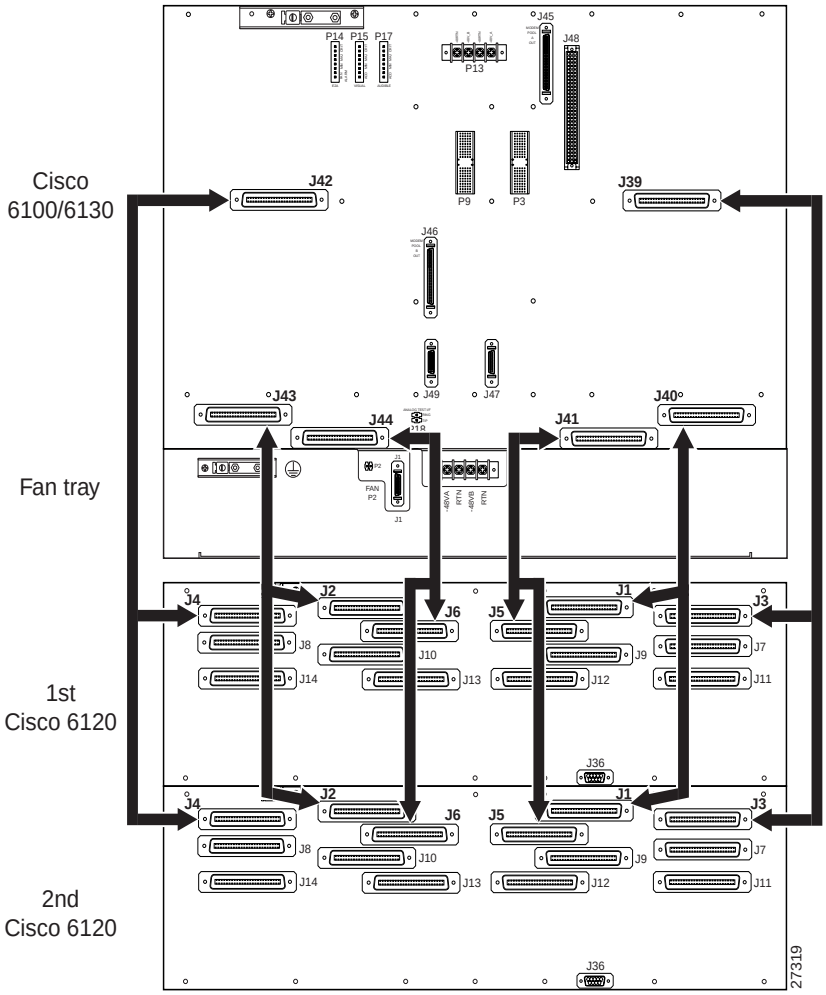
Figure 3-3 Two-to-One Cable



Tips If you use 64 POTS splitter ports, tie wrap the PSC 2 connector to the rack. When you expand your system to 128 POTS splitter ports, the PSC 2 connector will attach to a second PSC.

Figure 3-4 shows the cabling between one MC and two PSCs in which the cables listed in Table 3-3 are used.

Figure 3-4 MC to Two PSCs Cabling Diagram with Two-to-One Cables



3.2.2 PSC to MDF Cables

You can use the following cables to connect the PSC to the MDF in a Direct Connect with a PSC configuration:

- One-to-one cables—Used to connect the PSC to the MDF.
- Two-to-two cables—Used to clearly associate the mapping between the wire pairs and the MC/PSC ports. These cables attach to the PSC MDF connections (J11 to J14) and the PSC POTS connections (J7 to J10).

One-to-One Cables

You can use one-to-one cables to connect the PSC to the MDF or POTS service connectors. Table 3-4 lists the backplane connectors, the available cable lengths, and the part numbers for the one-to-one cables connecting the PSC to the MDF in a Direct Connect with a PSC configuration. Each cable has the same pinouts. The only difference between the four cables is the length. Use the length that works best for your configuration.

Table 3-4 Connectors, Lengths, and Part Numbers for One-to-One Cables—PSC to MDF or POTS Connections

Backplane Connector		Cisco Part Number	
PSC	**MDF Modem**	**Kit**	**Subassembly**
MDF Connectors			
J11, J12, J13, J14	P1 (modems 1 to 16), P3 (modems 33 to 48), P2 (modems 17 to 32), or P4 (modems 49 to 64)	CAB-61-015 50-ft cable	72-1599-01
		CAB-61-016 150-ft cable	72-1598-01
		CAB-61-017 75-ft cable	72-1597-01
		CAB-61-018 175-ft cable	72-1596-01
POTS Connectors			
J7, J8, J9, J10	P1 (modems 1 to 16), P3 (modems 33 to 48), P2 (modems 17 to 32), or P4 (modems 49 to 64)	CAB-61-015 50-ft cable	72-1599-01
		CAB-61-016 150-ft cable	72-1598-01
		CAB-61-017 75-ft cable	72-1597-01
		CAB-61-018 175-ft cable	72-1596-01

Figure 3-5 shows the one-to-one cable.

Figure 3-5 One-to-One Cable

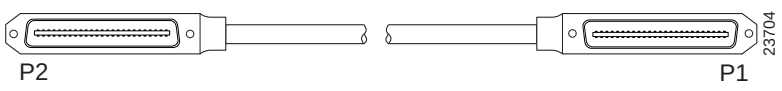


Figure 3-6 shows the cabling between the PSC to the MDF in which the cables listed in Table 3-4 are used.

Figure 3-6 PSC to MDF Cabling Diagram with One-to-One Cables

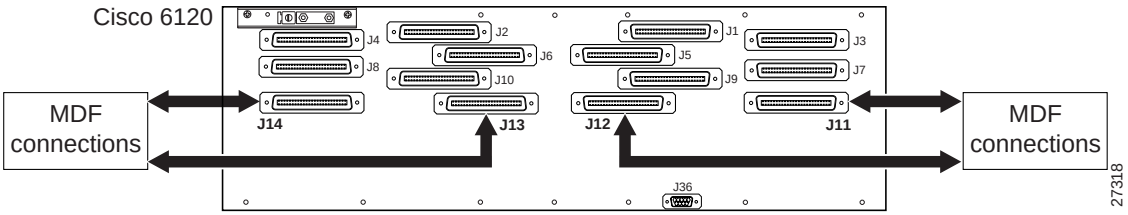
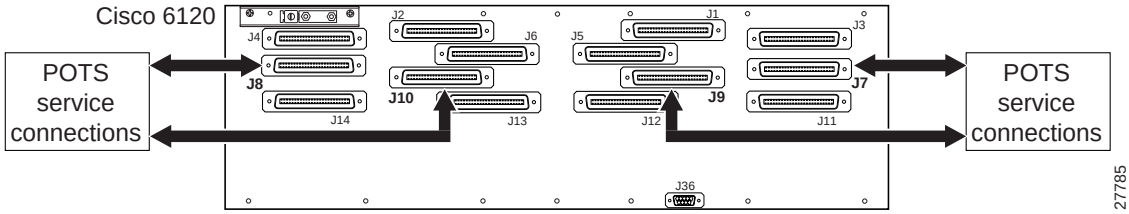


Figure 3-7 shows the cabling between the PSC to the POTS service connections in which the cables listed in Table 3-4 are used.

Figure 3-7 PSC to POTS Service Cabling Diagram with One-to-One Cables



Two-to-Two Cables

To associate the PSC MDF or POTS wire pairs and the MC modem ports, the two-to-two cable remaps the wire pairs from the PSC MDF or POTS connectors to the PSC connectors. You can use the two-to-two cable to

- Connect the xDSL subscriber line connections on the PSC (J11 to J14) to the MDF
- Connect the voice lines on the PSC (J7 to J10) to the voice switching equipment that provides local POTS service

Table 3-5 lists the backplane connectors and the part numbers for the two-to-two cables connecting the PSC to the MDF in a Direct Connect with a PSC configuration.

Table 3-5 Connectors and Part Numbers for Two-to-Two Cables—PSC to MDF Connections

Backplane Connector		Cisco Part Number	
PSC	**MDF Modem**	**Kit**	**Subassembly**
xDSL Subscriber Line Connectors			
J11, J12	P1 (modems 1 to 16) or P3 (modems 33 to 48)	CAB-PSC-80-REPIN	72-1716-01 (right cable)
J13, J14	P2 (modems 17 to 32) or P4 (modems 49 to 64)	CAB-PSC-80-REPIN	72-1772-01 (left cable)

Table 3-5 Connectors and Part Numbers for Two-to-Two Cables—PSC to MDF Connections (continued)

Backplane Connector		Cisco Part Number	
PSC	**MDF Modem**	**Kit**	**Subassembly**
Voice Line Connectors			
J7, J9	P1 (modems 1 to 16) or P3 (modems 33 to 48)	CAB-PSC-80-REPIN	72-1716-01 (right cable)
J8, J10	P2 (modems 17 to 32) or P4 (modems 49 to 64)	CAB-PSC-80-REPIN	72-1772-01 (left cable)

Note When you use the two-to-two cable, see Table C-3 on page C-8 for port mapping information.

Figure 3-8 shows the two-to-two cable.

Figure 3-8 Two-to-Two Cable

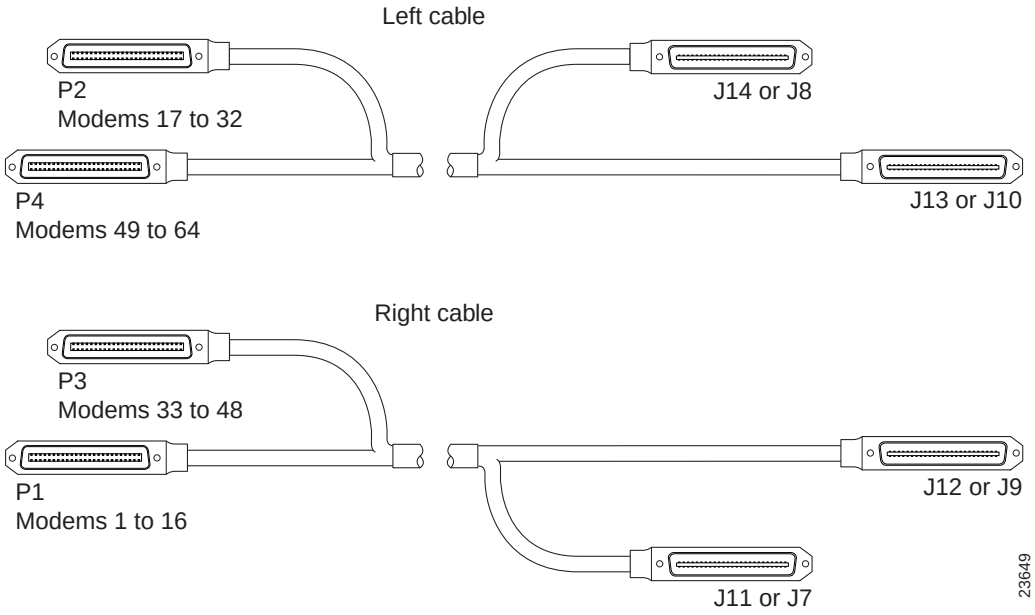


Figure 3-9 shows the cabling between the xDSL subscriber line connectors on the PSC and the MDF in which the cables listed in Table 3-5 are used.

Figure 3-9 PSC to MDF Cabling Diagram with Two-to-Two Cables—xDSL Subscriber Line Connectors

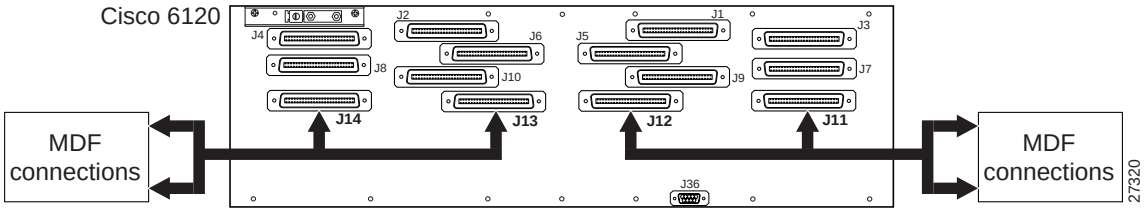
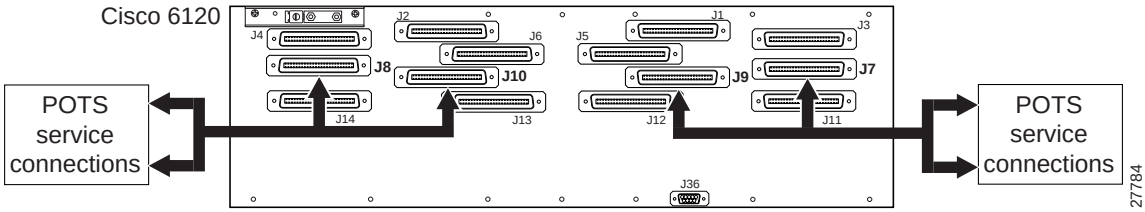


Figure 3-10 shows the cabling between the voice lines on the PSC and the voice switching equipment that provides local POTS service. The cables listed in Table 3-5 are used for the connection.

Figure 3-10 PSC to MDF Cabling Diagram with Two-to-Two Cables—Voice Line Connectors



3.3 Direct Connect without a PSC Configuration Cables

In a Direct Connect without a PSC configuration, use only designated cables to connect the MC and the MDF. This section provides tables and illustrations for the following:

- Two-to-three cables
- Three-to-three cables
- Five-to-six cables

Note Some chassis connectors in the cabling diagrams are not used because they are specific to one of the other configurations of the Cisco 6100 Series system or because they are reserved for future use.

3.3.1 Two-to-Three Cables

To associate the MDF wire pairs and the MC modem ports, the two-to-three cable remaps the wire pairs from the MC connectors to the MDF connectors. The cable is used in systems with dual-port DMT-2 ATU-C modules installed in the MC.

Table 3-6 lists the backplane connectors and the part numbers for the two-to-three cables connecting the MC to the MDF in a Direct Connect without a PSC configuration.

Note This cable is not recommended if you plan on expanding your system to quad-port xTU-C modules, which will be available in future releases.

Table 3-6 Connectors and Part Numbers for Two-to-Three Cables—MC to MDF Connections

Backplane Connector		Cisco Part Number	
MC	**MDF**	**Kit**	**Subassembly**
J39, J40, J41	P1 (slots 21 to 28) or P2 (slots 1 to 8)	CAB-MC-3:2-REPIN	72-1590-02 (right cable)
J42, J43, J44	P1 (slots 31 to 38) or P2 (slots 13 to 20)	CAB-MC-3:2-REPIN	72-1591-02 (left cable)

Note When you use the two-to-three cable, see Table C-4 on page C-11 for port mapping information.

Figure 3-11 shows the two-to-three cable.

Figure 3-11 Two-to-Three Cable

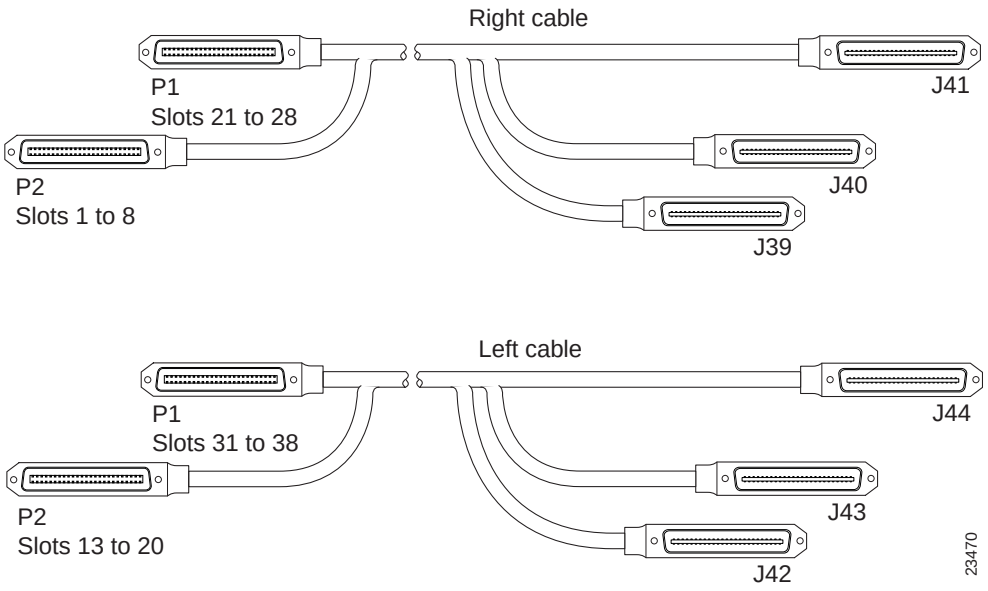
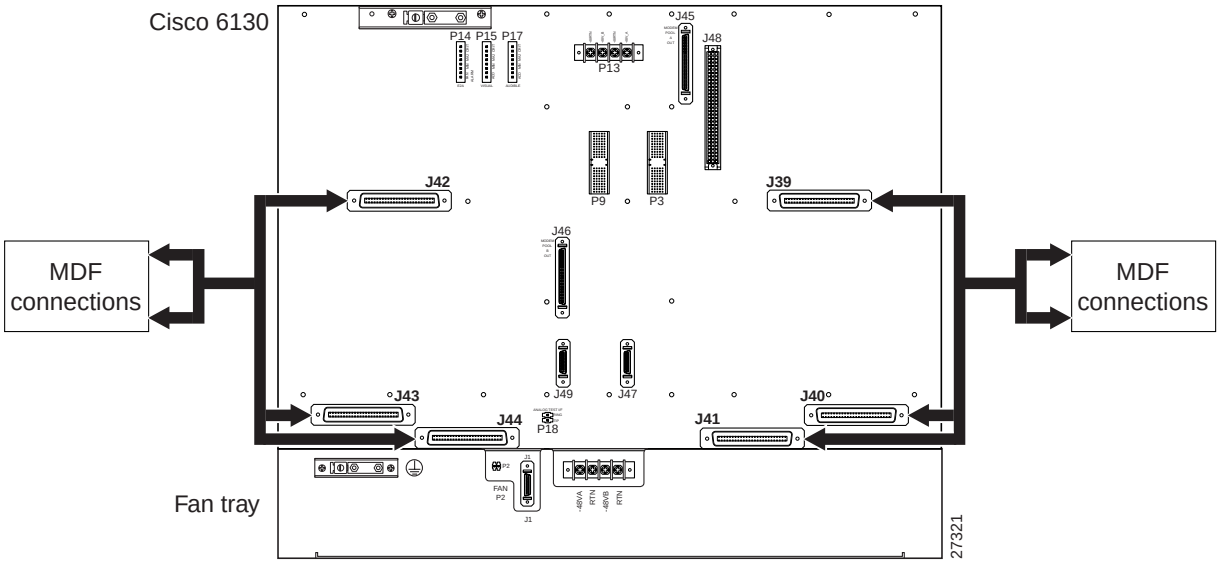


Figure 3-12 shows the cabling between the MC and the MDF in which the cables listed in Table 3-6 are used.

Figure 3-12 MC to MDF Cabling Diagram with Two-to-Three Cables



3.3.2 Three-to-Three Cables

To associate the MDF wire pairs and the MC modem ports, the three-to-three cable remaps the wire pairs from the MC connectors to the MDF connectors. Use the cable in systems with dual-port DMT-2 ATU-C or quad-port xTU-C modules installed in the MC. Table 3-7 lists the backplane connectors and the part numbers for the three-to-three cables connecting the MC to the MDF in a Direct Connect without a PSC configuration.

Table 3-7 Connectors and Part Numbers for Three-to-Three Cables—MC to MDF Connections

Backplane Connector		Cisco Part Number	
MC	**MDF**	**Kit**	**Subassembly**
J39, J40, J41	P4 (slots 1 to 6), P5 (slots 7, 8, and 21 to 24), or P6 (slots 25 to 28)	CAB-MC128-MDF	72-1765-01 (right cable)
J42, J43, J44	P1 (slots 13 to 18), P2 (slots 19, 20, and 31 to 34), or P3 (slots 35 to 38)	CAB-MC128-MDF	72-1720-01 (left cable)

Note When you use the three-to-three cable, see Table C-5 on page C-14 for port mapping information.

Figure 3-13 shows the three-to-three cable.

Figure 3-13 Three-to-Three Cable

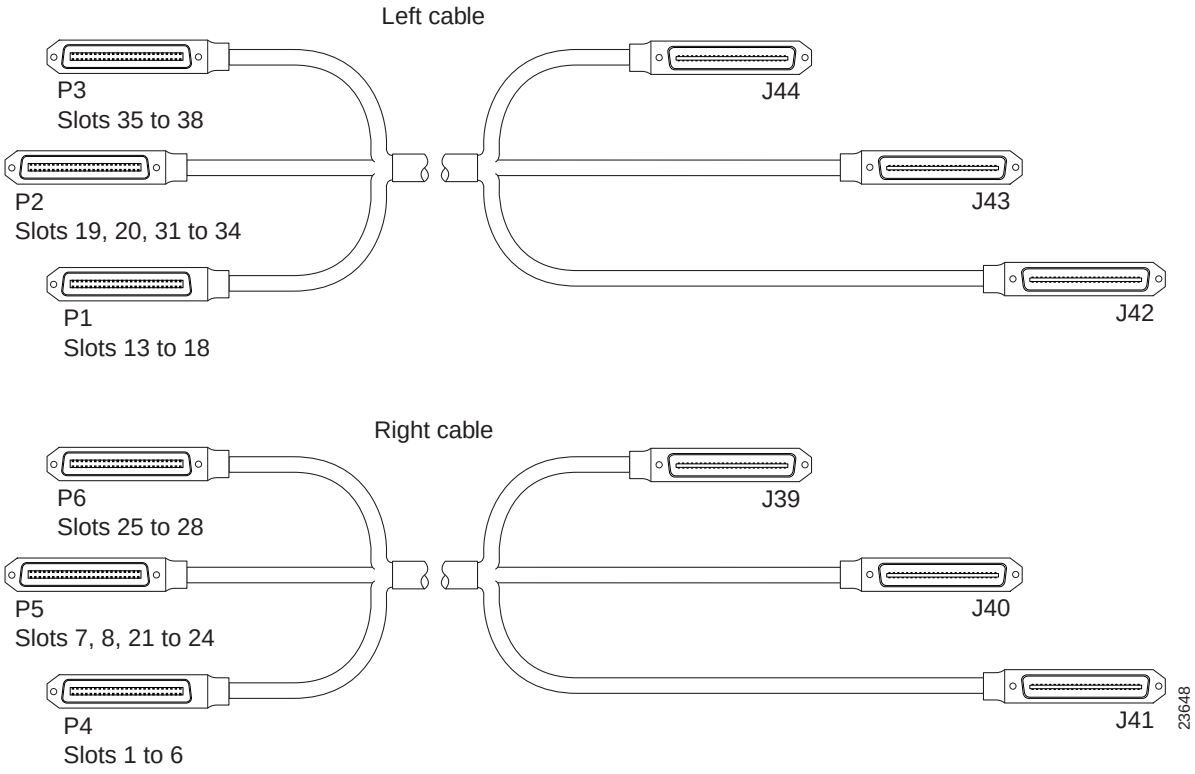
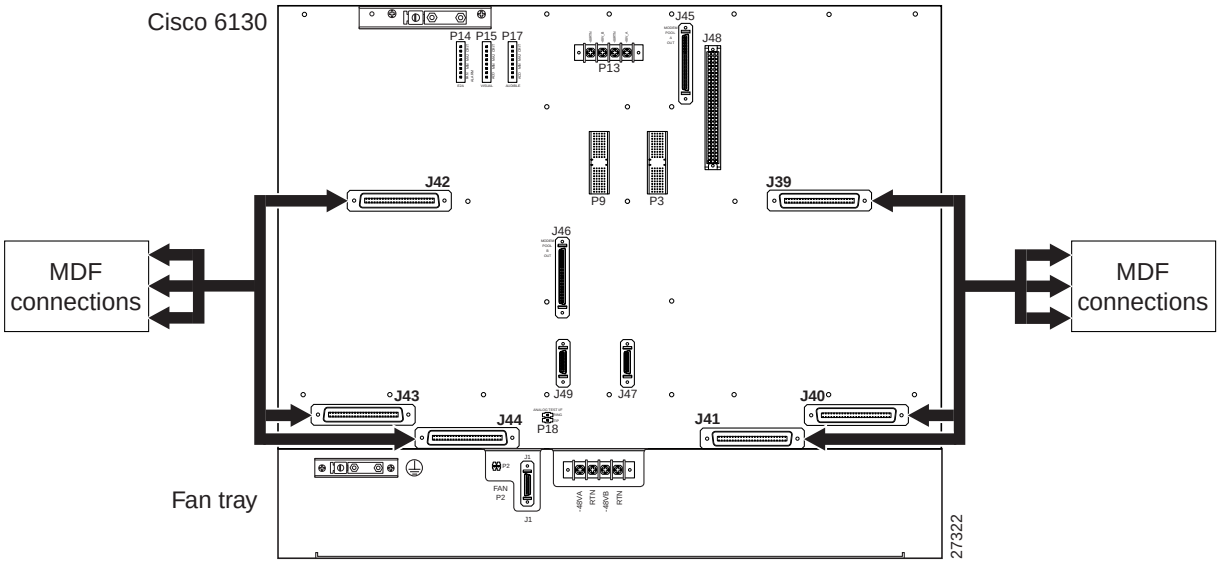


Figure 3-14 shows the cabling between the MC and the MDF in which the cables listed in Table 3-7 are used.

Figure 3-14 MC to MDF Cabling Diagram with Three-to-Three Cables



3.3.3 Five-to-Six Cables

For a convenient connection to external wire-pair test equipment, the five-to-six cable remaps the wire pairs from the MC connectors to the MDF connectors. Use these cables in systems with dual-port or quad-port xTU-C modules installed in the MC. Table 3-8 lists the backplane connectors and the part numbers for the five-to-six cables connecting the MC to the MDF in a Direct Connect without a PSC configuration.

Note This cable supports a maximum of 120 modem ports. MC slots 20 and 38 are not used with this cable.

Table 3-8 Connectors and Part Numbers for Five-to-Six Cables—MC to MDF Connections

Backplane Connector		Cisco Part Number	
MC	**MDF**	**Kit**	**Subassembly**
J39, J40, J41, J42 J43, J44	P1 (slots 1 to 6) P2 (slots 7, 8, and 13 to 16) P3 (slots 17 to 19 and 21 to 23) P4 (slots 24 to 28, and 31) P5 (slots 32 to 37)	CAB-MC-6:5-REPIN	72-1719-01

Note When you use the five-to-six cable, see Table C-6 on page C-18 for port mapping information.

Figure 3-15 shows the five-to-six cable.

Figure 3-15 Five-to-Six Cable

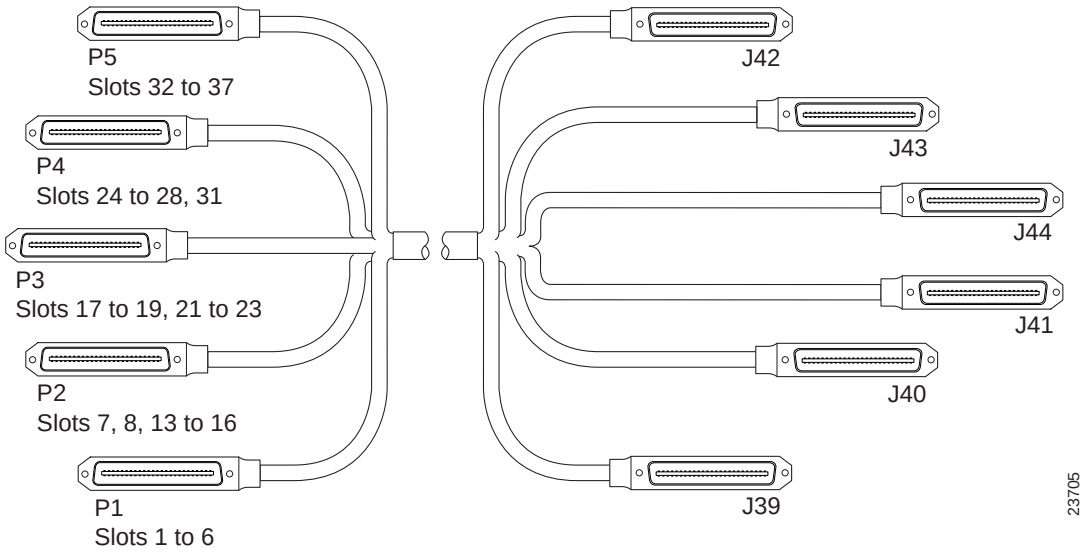
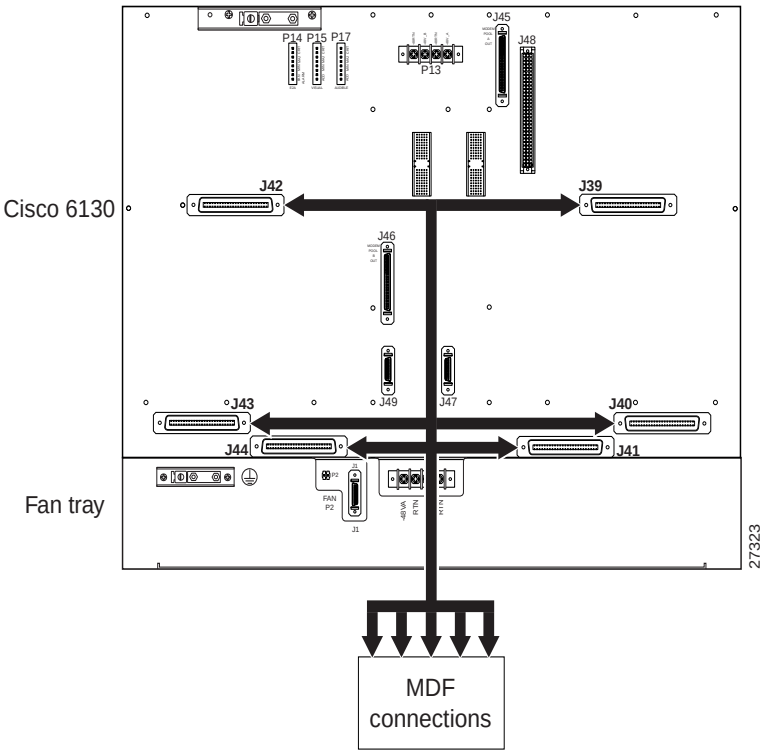


Figure 3-16 shows the cabling between the MC and the MDF in which the cables listed in Table 3-8 are used.

Figure 3-16 MC to MDF Cabling Diagram with Five-to-Six Cables



3.4 DOH Configuration Cables

In a DOH configuration, use only designated cables to connect the MC, LCC, PSC, and MDF. This section provides tables and illustrations for the following:

- Basic component cables
- PSC to MDF cables

Note Some chassis connectors in the cabling diagrams are not used because they are specific to one of the other configurations of the Cisco 6100 Series system or because they are reserved for future use.

3.4.1 Basic DOH Component Cables

You can use one-to-one cables to connect the MC, LCC, and PSC for systems using dual-port CAP ATU-C modules. Table 3-9 lists the backplane connectors and the part numbers for the basic one-to-one cables connecting the MC, LCC, and PSC in a DOH configuration.

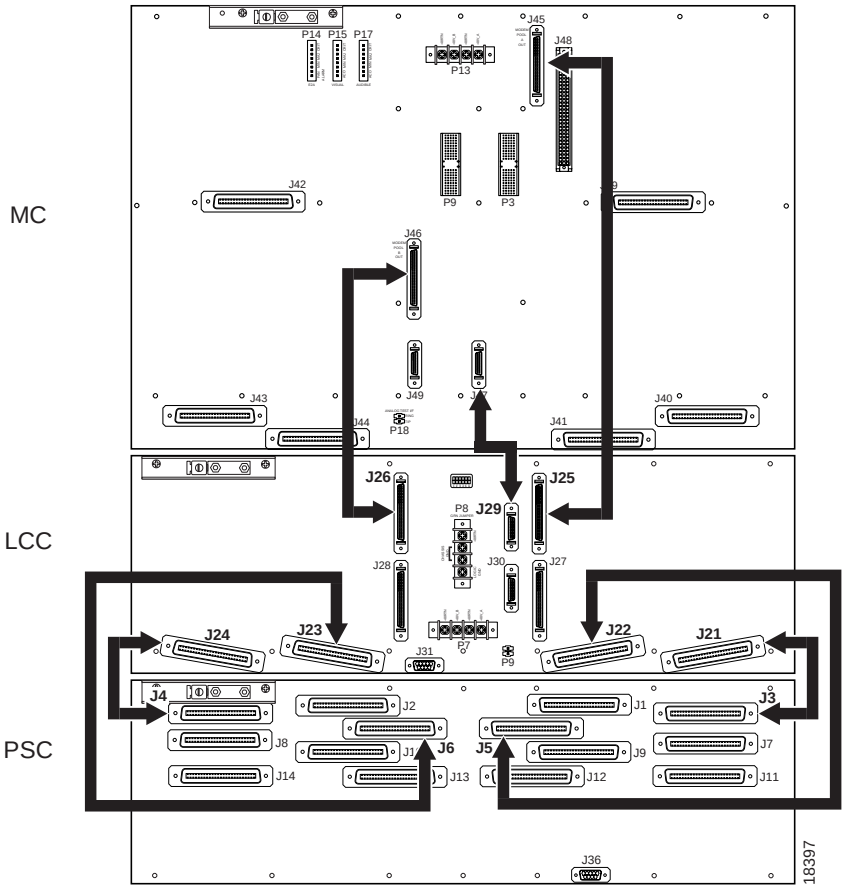
Table 3-9 Connectors and Part Numbers for One-to-One Cables—MC, LCC, and PSC Connections

Backplane Connector		Cisco Part Number		NetSpeed Part Number
		Kit	Subassembly	
MC	**LCC**			
J45	J25	CAB-61-011	72-1627-01	4100-014-01
J46	J26	CAB-61-011	72-1626-01	4100-014-02
J47	J29	CAB-61-011	72-1641-01	4100-030-02
LCC	**LCC**			
J27	J25	CAB-61-012	72-1625-01	4100-014-03
J28	J26	CAB-61-012	72-1625-01	4100-014-03
J30	J29	CAB-61-012	72-1602-01	4100-030-01
LCC	**PSC**			
J23	J6	CAB-61-013	72-1619-01	4100-016-01
J22	J5	CAB-61-013	72-1619-01	4100-016-01
J24	J4	CAB-61-013	72-1619-01	4100-016-01
J21	J3	CAB-61-013	72-1619-01	4100-016-01

Note When you use the one-to-one cable, see Table C-7 on page C-23 for port mapping information.

Figure 3-17 shows the cabling connecting the DOH components in which the cables listed in Table 3-9 are used.

Figure 3-17 Cabling Components for a DOH Configuration



3.4.2 PSC to MDF Cables

You can use the following cables when you are cabling the PSC to the MDF in a DOH configuration:

- One-to-one cables—Used to connect the PSC to the MDF
- Two-to-two cables—Used to connect the xDSL subscriber line connections on the PSC (J11 to J14) to the MDF and to connect the voice lines on the PSC (J7 to J10) to the voice switching equipment that provides local POTS service

One-to-One Cables

You can use one-to-one cables to connect the PSC to the MDF or external voice equipment. Table 3-10 lists the backplane connectors, the available cable lengths, and the part numbers for the one-to-one cables connecting the PSC to the MDF in a DOH configuration. Each cable has the same pinouts. The only difference between the four cables is the length. Use the length that works best for your configuration.

Table 3-10 Connectors, Lengths, and Part Numbers for One-to-One Cables—PSC to MDF Connections

Backplane Connector	Cisco Part Number	
PSC	**Kit**	**Subassembly**
J11, J12, J13, J14 or J7, J8, J9, J10	CAB-61-015 50-ft cable	72-1599-01
	CAB-61-016 150-ft cable	72-1598-01
	CAB-61-017 75-ft cable	72-1597-01
	CAB-61-018 175-ft cable	72-1596-01

Figure 3-18 shows the one-to-one cable described in Table 3-10.

Figure 3-18 One-to-One Cable

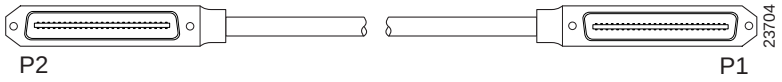


Figure 3-19 shows the cabling between the PSC and the MDF in which the cables listed in Table 3-10 are used.

Figure 3-19 PSC to MDF Cabling Diagram with One-to-One Cables

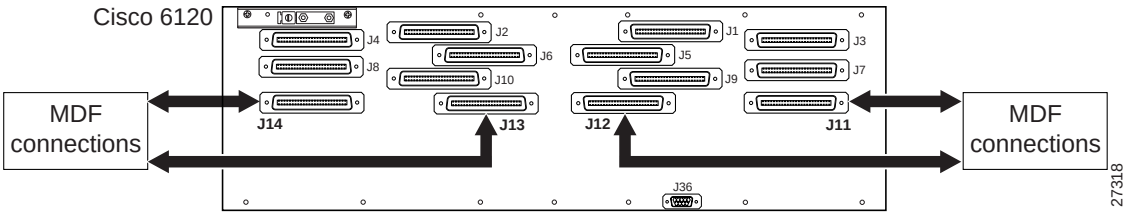
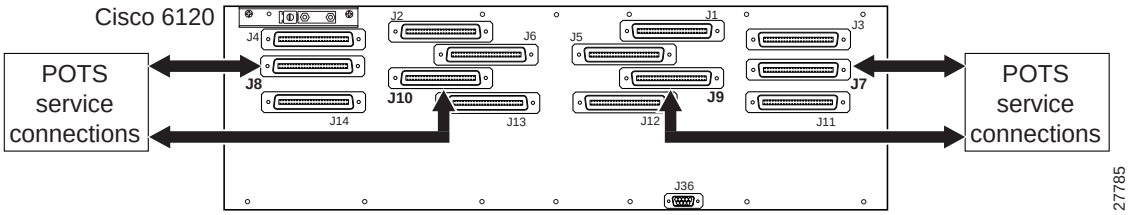


Figure 3-20 shows the cabling between the PSC and the external voice equipment in which the cables listed in Table 3-10 are used.

Figure 3-20 PSC to External Voice Equipment Cabling Diagram with One-to-One Cables



Two-to-Two Cables

To associate the PSC MDF wire pairs and the MC modem ports, the two-to-two cable remaps the wire pairs from the PSC MDF connectors to the PSC connectors. You can use the two-to-two cable to

- Connect the xDSL subscriber line connections on the PSC (J11 to J14) to the MDF
- Connect the voice lines on the PSC (J7 to J10) to the voice switching equipment that provides local POTS service

Table 3-11 lists the backplane connectors and the part numbers for the two-to-two cables connecting the PSC to the MDF in a DOH configuration.

Table 3-11 Connectors and Part Numbers for Two-to-Two Cables—PSC to MDF Connections

Backplane Connector		Cisco Part Number	
PSC	**MDF Modem**	**Kit**	**Subassembly**
xDSL Subscriber Line Connectors			
J11, J12	P1 (modems 1 to 16) or P3 (modems 33 to 48)	CAB-PSC-80-REPIN	72-1716-01 (right cable)
J13, J14	P2 (modems 17 to 32) or P4 (modems 49 to 64)	CAB-PSC-80-REPIN	72-1772-01 (left cable)
Voice Line Connectors			
J7, J9	P1 (modems 1 to 16) or P3 (modems 33 to 48)	CAB-PSC-80-REPIN	72-1716-01 (right cable)
J8, J10	P2 (modems 17 to 32) or P4 (modems 49 to 64)	CAB-PSC-80-REPIN	72-1772-01 (left cable)

Note When you use the two-to-two cables, see Table C-8 on page C-26 for port mapping information.

Figure 3-21 shows the two-to-two cable.

Figure 3-21 Two-to-Two Cable

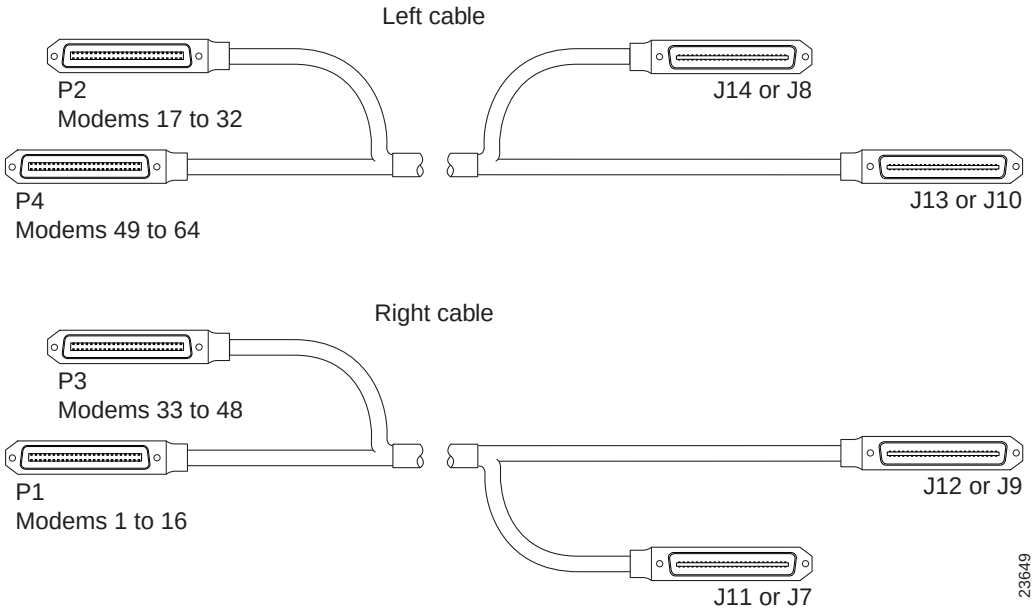


Figure 3-22 shows the cabling between the xDSL subscriber line connectors on the PSC and the MDF in which the cables listed in Table 3-11 are used.

Figure 3-22 PSC to MDF Cabling Diagram with Two-to-Two Cables—xDSL Subscriber Line Connectors

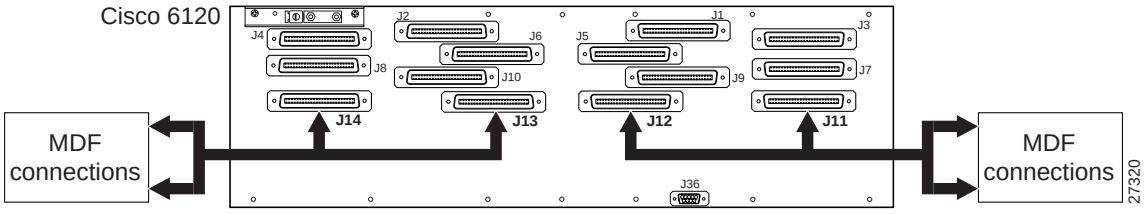
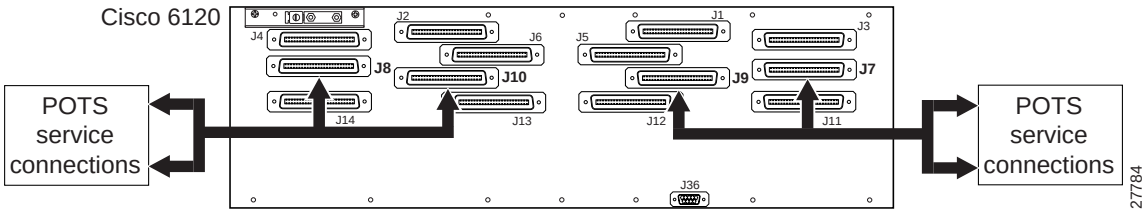


Figure 3-23 shows the cabling between the voice lines on the PSC and the voice switching equipment that provides local POTS service. The cables listed in Table 3-11 are used for the connection.

Figure 3-23 PSC to MDF Cabling Diagram with Two-to-Two Cables—Voice Line Connectors



3.5 Subtended Network Configuration Cables

In a subtended network configuration, use only designated cables to connect the DS3 subtending card to the DS3 system I/O card. This section provides the following:

- Cabling diagrams
- Cable connections

3.5.1 Cabling Diagrams

Two DS3 system I/O cards are currently available. Figure 3-24 shows the basic cabling of the subtended network configuration with the DS3 system I/O card that is available from Release 2.4.0 and later.

Note Some connectors are not used because they are specific to one of the other configurations of the MC or because they are reserved for future use.

Figure 3-24 Basic Cabling for Subtending from Release 2.4.0 and Later

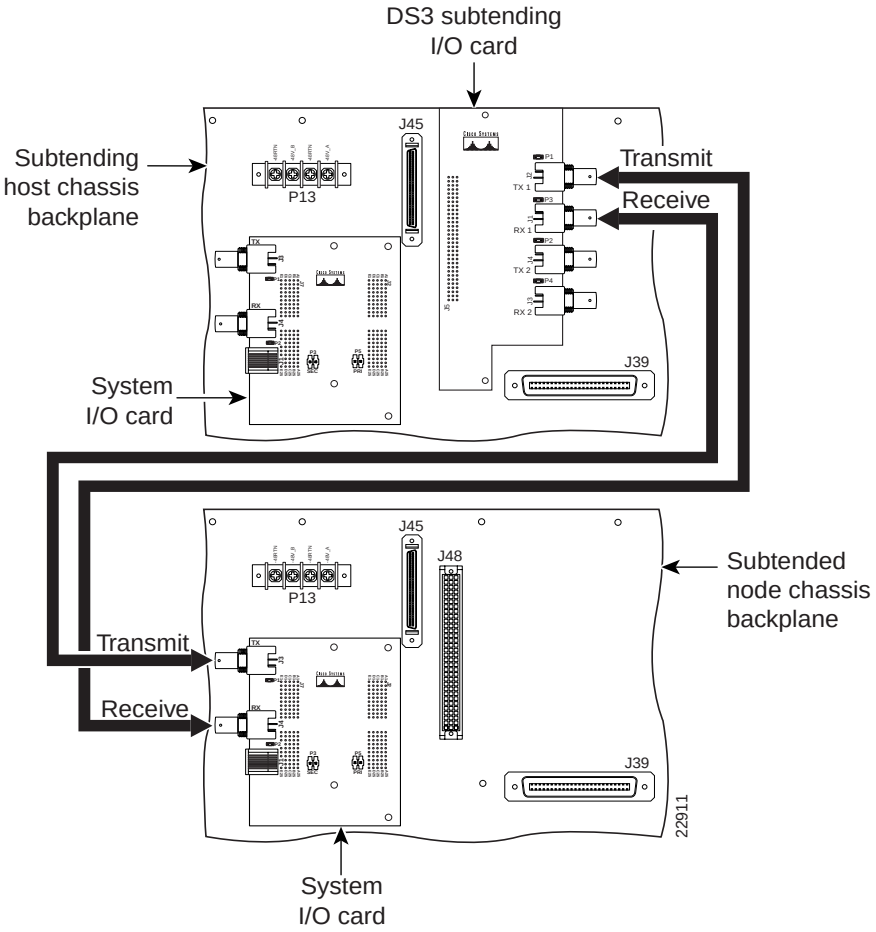
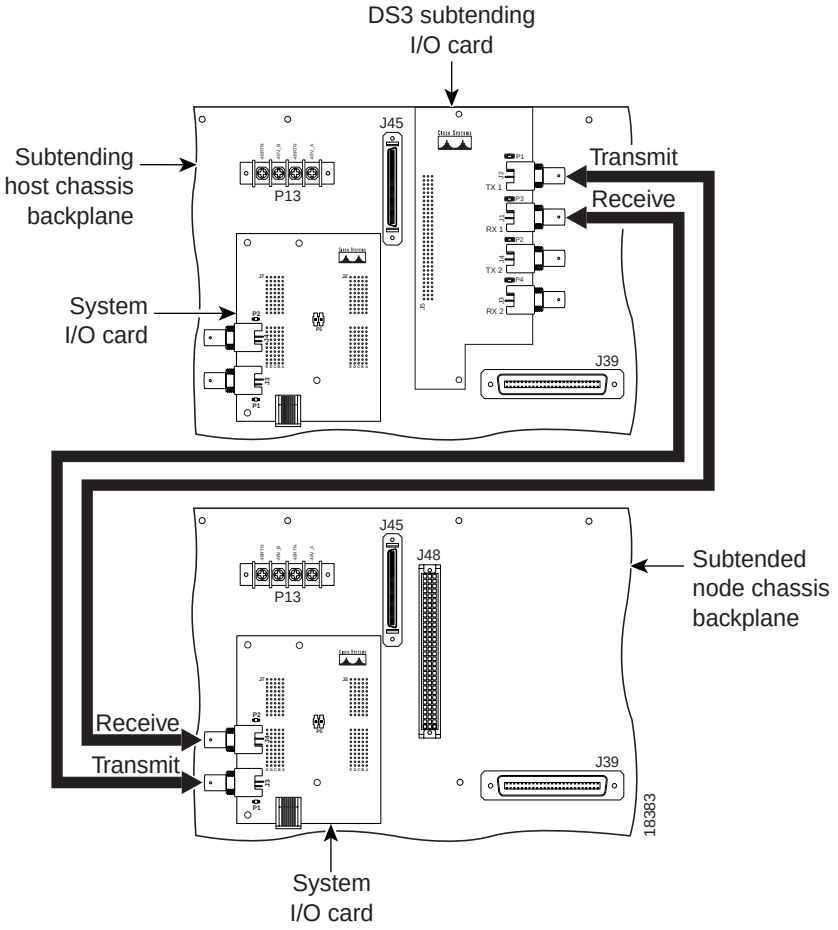


Figure 3-25 shows the basic cabling of the subtended network configuration with the DS3 system I/O card that is available earlier than Release 2.4.0.

Figure 3-25 Basic Cabling for Subtending Before Release 2.4.0



3.5.2 Cable Connections

The DS3 subtending card on the subtending host MC connects directly to the DS3 system I/O card on the subtended mode MC. You should add ferrites to the DS3 75-ohm coaxial cables that you use to cable the DS3 subtending card to the DS3 system I/O card. Doing so reduces the radiation/EMI susceptibility of the system to high frequency noise, bringing it to a value between 30 and 200 MHz. For more information, refer to the

- *Cisco 6100 Series Direct Connect Installation Guide* for a Direct Connect configuration
- *Cisco 6100 Set Up and Installation Manual* for a DOH configuration

3.6 Siecor POTS Splitter Cables

The Siecor ADSL POTS Splitter Rack-Mount Shelf is compatible with the Cisco 6130. If you use the Siecor POTS splitter, you need six one-to-one cables to connect the POTS splitter to the Cisco MC connectors J39 through J44. This one-to-one cable is not the same as the one-to-one cables used in previous configurations.

Use the one-to-one cable when you are connecting the MC to the Siecor POTS splitter. Table 3-12 lists the cable and associated part numbers.

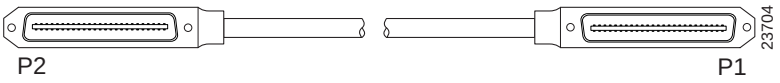
Table 3-12 Connectors and Part Numbers for One-to-One Cables for the Siecor POTS Splitter

Backplane Connector		Cisco Part Number	
MC	**Siecor POTS Splitter**	**Kit**	**Subassembly**
Connectors J39 to J44	Connector	CAB-6121-1	72-1766-01

Note When you use the one-to-one cable, see Table C-9 on page C-29 for port mapping information.

Figure 3-26 shows the one-to-one special cable.

Figure 3-26 One-to-One Special Cable



Note If you are installing a Direct Connect with a PSC configuration using the Siecor ADSL POTS Splitter Rack-Mount Shelf, install the Cisco components (excluding the PSC) according to the *Cisco 6100 Series Direct Connect Installation Guide*. Refer to the *ADSL POTS Splitter Rack-Mount Shelf Central Office Version* document for installation procedures for the Siecor POTS splitter. This configuration is only compatible if DMT-2 ATU-C modules are installed in the MC and DMT modules installed in the Siecor POTS splitter.